

3.1.02

PTO/SB/05 (4-98)

Please type a plus sign (+) in this box → ☐

Approved for use through 9/30/2000. OMB 0651-0032
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02/28/02

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02/28/02

UTILITY PATENT APPLICATION TRANSMITTAL <i>(Only for new nonprovisional applications under 37 CFR 1.53 (b))</i>		Attorney Docket No.: 22.1468	
		First Named Inventor or Application Identifier: Thomas H. Zimmerman	
		Title: WIRELESS COMMUNICATION SYSTEM AND METHOD	
		Express Mail Label No.: EV 037 145 241 US	
APPLICATION ELEMENTS <i>See MPEP chapter 600 concerning utility patent application contents</i>		ADDRESS TO: Box Patent Application Assistant Commissioner for Patents Washington, D.C. 20231	
<div><div><div>1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <i>(Submit an original and duplicate for fee processing)</i></div><div>2. <input checked="" type="checkbox"/> Specification <i>[Total Pages: 25]</i><ul style="list-style-type: none">- Descriptive title of the invention- Cross Reference to Related Applications- Statement Regarding Fed-sponsored R & D- Reference to Microfiche Appendix- Background of the invention- Brief Summary of the invention- Brief Descriptions of the Drawings <i>(if filed)</i>- Detailed Description- Claim(s)- Abstract of the Disclosure</div><div>3. <input checked="" type="checkbox"/> Drawings (35 U.S.C. 113) <i>[Total Sheets: 3]</i></div><div>4. <input checked="" type="checkbox"/> Oath or Declaration <i>[Total Pages: 4]</i><div>a. <input checked="" type="checkbox"/> Newly executed (original or copy)</div><div>b. <input type="checkbox"/> Copy from prior application (37 CFR 1.63 (d)) <i>(for continuation/divisional with Box 16 completed)</i><div>i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</div></div></div></div></div> <div><div>5. <input type="checkbox"/> Microfiche Computer Program <i>(Appendix)</i></div><div>6. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i><div>a. <input type="checkbox"/> Computer Readable Copy</div><div>b. <input type="checkbox"/> Paper Copy</div><div>c. <input type="checkbox"/> Statement verifying identity of above copies</div></div></div>			

ACCOMPANYING APPLICATION PARTS

7. ☒ Assignment papers (cover sheet & document(s))

8. ☒ 37 C.F.R. 3.73(b) Statement ☒ Power of Attorney
(when there is an assignee)

9. ☐ English Translation Document *(if applicable)*

10. ☒ Information Disclosure ☒ Copies of IDS
Statement (IDS)/Form 1449 Citations

11. ☐ Preliminary Amendment

12. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)

13. ☐ *Small Entity ☐ Statement filed in prior application,
Statement(s) Status is still proper and desired
(PTO/SB/09-12)

14. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)

15. ☐ Other: _____

16. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No. _____ / _____
Prior application information: Examiner: _____ Group/Art Unit: _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied
under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by
reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label (Insert customer No. or Attach bar code label here) or ☒ Correspondence address below

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	Schlumberger Technology Corporation, Schlumberger Reservoir Completions				
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	P O Box 1590				
CITY	Rosharon	STATE	Texas	ZIP CODE	77583-1590
COUNTRY	U.S.	TELEPHONE	(281) 285-5720	FAX	(281) 285-5537
Name (Print/Type)	Jeffrey E. Griffin			Registration No. (Attorney/Agent). 36,534	
Signature				Date: 2/28/02	

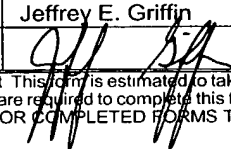
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FEE TRANSMITTAL For FY 2002				Complete if Known																																																																																																																																																																					
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1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to Deposit Account Number: 50-0457 Deposit Account Name: Schlumberger Technology Corp. <input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17				3. ADDITIONAL FEES <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>Large Entity Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Entity Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet.</td><td></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for reexamination</td><td></td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>113</td><td>1840*</td><td>113</td><td>1840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for response within first month</td><td></td></tr> <tr><td>116</td><td>380</td><td>216</td><td>190</td><td>Extension for response within second month</td><td></td></tr> <tr><td>117</td><td>870</td><td>217</td><td>435</td><td>Extension for response within third month</td><td></td></tr> <tr><td>118</td><td>1,360</td><td>218</td><td>680</td><td>Extension for response within fourth month</td><td></td></tr> <tr><td>128</td><td>1,850</td><td>228</td><td>925</td><td>Extension for response within fifth month</td><td></td></tr> <tr><td>119</td><td>300</td><td>219</td><td>150</td><td>Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>300</td><td>220</td><td>150</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>260</td><td>221</td><td>130</td><td>Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive unavoidably abandoned application</td><td></td></tr> <tr><td>141</td><td>1,210</td><td>241</td><td>605</td><td>Petition to revive unintentionally abandoned application</td><td></td></tr> <tr><td>142</td><td>1,210</td><td>242</td><td>605</td><td>Utility issue fee</td><td></td></tr> <tr><td>143</td><td>430</td><td>243</td><td>215</td><td>Design issue fee</td><td></td></tr> <tr><td>144</td><td>580</td><td>244</td><td>290</td><td>Plant issue fee</td><td></td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petition to Commissioner</td><td></td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Petitions related to provisional applications</td><td></td></tr> <tr><td>126</td><td>240</td><td>126</td><td>240</td><td>Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording each patent assignment property (times number of properties)</td><td>\$40</td></tr> <tr><td>146</td><td>760</td><td>246</td><td>380</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr> <tr><td>149</td><td>760</td><td>249</td><td>380</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr> </tbody> </table>				Large Entity Fee Code	Entity Fee (\$)	Small Entity Fee Code	Entity Fee (\$)	Fee Description	Fee Paid	105	130	205	65	Surcharge - late filing fee or oath		127	50	227	25	Surcharge - late provisional filing fee or cover sheet.		139	130	139	130	Non-English specification		147	2,520	147	2,520	For filing a request for reexamination		112	920*	112	920*	Requesting publication of SIR prior to Examiner action		113	1840*	113	1840*	Requesting publication of SIR after Examiner action		115	110	215	55	Extension for response within first month		116	380	216	190	Extension for response within second month		117	870	217	435	Extension for response within third month		118	1,360	218	680	Extension for response within fourth month		128	1,850	228	925	Extension for response within fifth month		119	300	219	150	Notice of Appeal		120	300	220	150	Filing a brief in support of an appeal		121	260	221	130	Request for oral hearing		138	1,510	138	1,510	Petition to institute a public use proceeding		140	110	240	55	Petition to revive unavoidably abandoned application		141	1,210	241	605	Petition to revive unintentionally abandoned application		142	1,210	242	605	Utility issue fee		143	430	243	215	Design issue fee		144	580	244	290	Plant issue fee		122	130	122	130	Petition to Commissioner		123	50	123	50	Petitions related to provisional applications		126	240	126	240	Submission of Information Disclosure Stmt		581	40	581	40	Recording each patent assignment property (times number of properties)	\$40	146	760	246	380	Filing a submission after final rejection (37 CFR 1.129(a))		149	760	249	380	For each additional invention to be examined (37 CFR 1.129(b))	
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$$\begin{aligned} & \begin{pmatrix} a_{11} & a_{12} \\ a_{21} & a_{22} \end{pmatrix} \begin{pmatrix} b_{11} & b_{12} \\ b_{21} & b_{22} \end{pmatrix} = \begin{pmatrix} a_{11}b_{11} & a_{11}b_{12} + a_{12}b_{21} & a_{11}b_{22} \\ a_{21}b_{11} & a_{21}b_{12} + a_{22}b_{21} & a_{21}b_{22} \end{pmatrix} \quad 1) \quad \begin{pmatrix} a_{11} & a_{12} \\ a_{21} & a_{22} \end{pmatrix} \begin{pmatrix} b_{11} & b_{12} \\ b_{21} & b_{22} \end{pmatrix} = \begin{pmatrix} a_{11}b_{11} & a_{11}b_{12} + a_{12}b_{21} & a_{11}b_{22} \\ a_{21}b_{11} & a_{21}b_{12} + a_{22}b_{21} & a_{21}b_{22} \end{pmatrix} \\ & \begin{pmatrix} a_{11} & a_{12} \\ a_{21} & a_{22} \end{pmatrix} \begin{pmatrix} b_{11} & b_{12} \\ b_{21} & b_{22} \end{pmatrix} = \begin{pmatrix} a_{11}b_{11} & a_{11}b_{12} + a_{12}b_{21} & a_{11}b_{22} \\ a_{21}b_{11} & a_{21}b_{12} + a_{22}b_{21} & a_{21}b_{22} \end{pmatrix} \quad 2) \quad \begin{pmatrix} a_{11} & a_{12} \\ a_{21} & a_{22} \end{pmatrix} \begin{pmatrix} b_{11} & b_{12} \\ b_{21} & b_{22} \end{pmatrix} = \begin{pmatrix} a_{11}b_{11} & a_{11}b_{12} + a_{12}b_{21} & a_{11}b_{22} \\ a_{21}b_{11} & a_{21}b_{12} + a_{22}b_{21} & a_{21}b_{22} \end{pmatrix} \end{aligned}$$

Attorney Docket No.: 22.1468

Art Unit:

Examiner:

Box PATENT APPLICATION

CERTIFICATE OF MAILING

Joanne Hyland
Joanne Hyland

Date 2/28/02

Joanne C. Hyland
Schlumberger Technology Corporation
14910 Airline Road
Rosharon, Texas 77583-1590

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Thomas H. Zimmerman

Attorney Docket No.: 22.1468

Serial No.:

Art Unit:

Filed:

Examiner:

For: WIRELESS COMMUNICATION SYSTEM AND METHOD

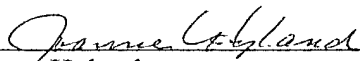
Box PATENT APPLICATION

Assistant Commissioner of Patents and Trademarks

Washington, D.C. 20231

CERTIFICATE OF MAILING

I hereby certify that this Fee Calculation Sheet (in duplicate) is being deposited with the United States Postal Service as Express Mail No. EV 037 145 241 US in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231.


Joanne Hyland

2/28/02
Date

Joanne C. Hyland
Schlumberger Technology Corporation
14910 Airline Road
Rosharon, Texas 77583-1590

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Thomas H. Zimmerman

Attorney Docket No.: 22.1468

Serial No.:

Art Unit:

Filed:

Examiner:

For: WIRELESS COMMUNICATION SYSTEM AND METHOD

Box PATENT APPLICATION

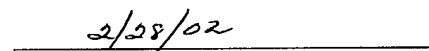
Assistant Commissioner of Patents and Trademarks

Washington, D.C. 20231

CERTIFICATE OF MAILING

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Joanne Hyland


Date

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Thomas H. Zimmerman Attorney Docket No.: 22.1468
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Assistant Commissioner of Patents and Trademarks
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Joanne C. Hyland
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5/28/02
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Assistant Commissioner of Patents and Trademarks
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Joanne Hyland
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2/28/02
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